

# ABSTRACT

5 In a multi-piece solid golf ball comprising a solid  
core, a mantle and a cover, the solid core is made of a  
rubber composition that includes a base rubber containing a  
polybutadiene synthesized using a rare-earth catalyst, a  
small amount of organic peroxide, an unsaturated carboxylic  
acid and/or a metal salt thereof, an organic sulfur compound  
10 and an inorganic filler. The mantle is made of a  
thermoplastic resin composition. The cover is made primarily  
of a thermoplastic polyurethane material. This construction  
provides the golf ball with a combination of outstanding  
flight performance and soft feel with cover's scuff  
15 resistance and coating's abrasion resistance, that is  
unprecedented.